

TABLE OF CONTENTS

Volume 205

ARTICLES

ACOSTA-PULIDO, JOSÉ A. / Testing the Anisotropy of the Central Engine from Extended Emission Line Regions	195
ARETXAGA, ITZIAR and ROBERTO TERLEVICH / The Starburst Model for the Optical Variability of the Seyfert 1 Galaxies NGC 4151 and NGC 5548	69
BANERJEE, B., S. M. CHITRE, and NAMRATA RAJEEV / Diffusion Coefficient of Neutrinos in a Pre-Supernova Star	343
BOLLER, TH., E. J. A. MEURS, M. DENNEFELD, and H. FINK / X-Ray Luminous IRAS Galaxies	43
CIMATTI, A. and S. DI SEREGO ALIGHIERI / The Polarization-Redshift Relation in Radio Galaxies	203
COLINA, LUIS and DIEGO PEREZ-OLEA / Radio Emission in Active Galaxies: The Starburst Scenario	99
CONTINI, M. and S. M. VIEGAS / Shock and Photoionization Models for Infrared Lines from Active Galactic Nuclei	149
DE JUAN, LOURDES, LUIS COLINA, and ISMAEL PÉREZ-FOURNON / Structure of Interacting Elliptical Radio Galaxies	209
BORNE, KIRK D. and LUIS COLINA / Activity in Colliding Galaxies	217
DERMAN, E., O. DEMIRCAN, and A. AKALIN / UBV Photometry of BX Andromedae	327
DESINIOTIS, C. D. and P. G. KAZANTZIS / The Areas of Motion in the Three Dipole Problem	305
ECKART, A., M. CAMERON, R. GENZEL, N. NAKAI, and S. WAGNER / The Starburst in the Wolf-Rayet Nucleus of the LINER NGC 6764	29
FERNANDES, ROBERTO CID, JR. and ROBERTO TERLEVICH / Where Are the Broad Lines in Seyfert 2S?	91
FORBES, DUNCAN A. / Activity in LINER and Starburst Galaxies	37
GOERDT, A., K. J. FRICKE, and W. KOLLATSCHNY / Circumnuclear Populations in Nearby AGN	5
GOLOVATY, V. V. and YU. F. MALKOV / Self-Consistent Photoionization Models of Planetary Nebulae Luminescence: Stellar Ionizing Continuum, Nebular Abundances, and Evolution of the Envelopes	237
GONZÁLEZ-DELGADO, ROSA MARIA and ENRIQUE PÉREZ / Star Formation and AGN	127
HO, LUIS C. and ALEXEI V. FILIPPENKO / The Photoionization Mechanism of LINERs: Stellar and Nonstellar	19
HOFMANN, R., A. ECKART, R. GENZEL, and S. DRAPATZ / High Resolution K-Band Images of the Galactic Centre	1
ISOBE, SYUZO and AMBADI SATHEESH KUMAR / An Explanation for Time Dependent Variability of the Solar Dust Ring	297
KOLLATSCHNY, W. and M. DIETRICH / Emission Line Variability in NGC 4593 and NGC 5548	179

TABLE OF CONTENTS

KOTILAINEN, J. K. / The Host Galaxies of Nearby Seyfert 1 Nuclei	107
KRÜGER, H., U. FRITZE-v. ALVENSLEBEN, K. J. FRICKE, and H.-H. LOOSE / Spectroscopic Evolutionary Synthesis Models of Wolf-Rayet Galaxies	57
MAGRIS, GLADIS, C., LUC BINETTE, and PETER MARTIN / A Thick Reflection Nebula Illuminated by a Power Law	141
MANIHARSINGH, KJ. / Radiating Anisotropic Two-Fluid Model Universes Involving Rotation in General Relativity	259
McBREEN, B., S. PLUNKETT, and C. J. LAMBERT / Interaction of Relativistic Dust Grains with the Solar Radiation Field	355
NAZAROVA, L. S., N. G. BOCHKAREV, and A. I. SHAPOVALOVA / Is There a Precession-Type Movement in the Nucleus of NGC 4151?	171
PAGEL, B. E. J. / Nitrogen and Helium Pollution in H II Galaxies and AGNs	123
PRIETO, M. ALMUDENA / Evidence for Anisotropic Radiation in 3C 227	185
RODRIGUEZ-PASCUAL, P. M., J. M. MAS-HESSE, L. SANZ FERNÁNDEZ DE CÓRDOBA, I. F. MIRABEL, F. MAKINO, and C. OTANI / X-Ray, UV and FIR Emission of Seyfert Galaxies	113
ROY, A. R. and PIJUSH K. MAITI / Magneto-Viscous Fluid Cosmological Models in Presence of Zero-Mass Scalar Field	277
SHIELDS, JOSEPH C. / The Ionizing Radiation Field in the Galactic Centre and the Nature of Liners	13
SHYLAJA, B. S. and B. G. ANANDARAO / Far-Infrared Emission from Ring Nebulae	283
SMITH, ERIC P. / UIT Observations of NGC 1275	65
TELLES, E. and R. TERLEVICH / Parametric Relations of H II Galaxies	49
VARGAS, MARÍA LUISA GARCÍA, ANGELES I. DÍAZ, ELENA TERLEVICH, and ROBERTO TERLEVICH / The Ca II Triplet Lines in Starburst and Active Galactic Nuclei	85
VARGAS, MARÍA LUISA GARCÍA, ANGELES I. DÍAZ, ROBERTO TERLEVICH, and ELENA TERLEVICH / Testing the Consistency of the Starburst Scenario for Active Galactic Nuclei	77
VESTERGAARD, M. and P. D. BARTHEL / The Nucleus of the Cygnus A Galaxy at High Resolution	135
VIERGUTZ, S. U. / Radiation from Arbitrarily Shaped Objects in the Vicinity of Kerr Black Holes	155
VILA-VILARÓ, B., A. ROBINSON, and S. WAGNER / The ENLR of NGC 4151: Spatial Variations of the Line Ratios	189
WEHRSE, R., H. STÖRZER, and G. SHAVIV / The Vertical Structure and Radiation Fields of Accretion Discs in the Centres of AGNs	163
XUEFU, LIU, LI AIGEN, HUANG HE, LU FANGJUN, and CHA GUANGWEI / New H α Survey of Chromospherically Active Binaries	359

LETTER TO THE EDITOR

LI, TI-PEI, MEI WU, ZHU-GUO LU, JIAN-ZHONG WANG, and CHUN-SHENG ZHANG / Modulation Imaging Based on a Direct Deconvolution Technique	381
List of Forthcoming Papers	227, 395
The 'KLUWER' LaTeX Style File: Instructions for Authors	229, 387
Table of Contents	397

